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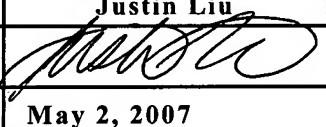
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PTO/SB/21 (01-03)
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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application / Conf. No.	10/800,367 / 8860
Mail Stop: AMENDMENT		Filing Date	March 12, 2004
		First Named Inventor	Douglas E. Thorpe
		Examiner Name	Joshua D. Schneider
		Art Unit	2182
		Patent No.	
Total Number of Pages in This Submission		Attorney Docket Number	X-1627 US

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Amendment / Reply <ul style="list-style-type: none"> <input type="checkbox"/> Preliminary Amendment <input type="checkbox"/> After Final <input type="checkbox"/> Affidavit(s)/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Change Status to LARGE ENTITY <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Substitute PTO-1449(s) IDS by Applicant (PTO/SB/08A) <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <ul style="list-style-type: none"> <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 	<input type="checkbox"/> Assignment Papers (with Recordation Cover Sheet) <input type="checkbox"/> Declaration / Oath <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition - <input type="checkbox"/> To Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund	<input type="checkbox"/> After Allowance Communication to <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Return Receipt Postcard <input type="checkbox"/> Other Enclosure(s) (please identify below):
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm or Customer Number	24309		Reg. Number 51,959
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Date	May 2, 2007	Charge any additional fees required/credit any overpayment to our Deposit Account Number: 24-0040	

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Signature		Date	May 2, 2007

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X-1627 US
10/800,367

PATENT
Conf. No.: 8860

IN THE UNITED STATES PATENT OFFICE

Applicant: Douglas E. Thorpe et al.
Assignee: Xilinx, Inc.
Title: Circuit for and Method of Realigning Data
Serial No.: 10/800,367 Filed: 03-12-04
Examiner: Joshua D. Schneider Art Unit: 2182
Docket No.: X-1627 US Conf. No.: 8860

Mail Stop AMENDMENT
COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450

AMENDMENT IN RESPONSE TO FIRST OFFICE ACTION

Dear Sir:

In response to the First Office Action mailed from the Patent Office on February 23, 2007, Applicants respond as follows.

The Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 8 of this paper.